

#3

IN THE ABSTRACT:

Please delete the present Abstract of the Disclosure and replace it with the following new Abstract of the Disclosure.

--A control communication system and method includes synchronizing a timing in a central earth station and a plurality of remote earth stations such that a predetermined control time period having a plurality of time slots is synchronized among the central earth station and the remote earth stations. The control time period is not longer than a substantially real-time response time period for the remote stations. The remote earth station will transmit control information on a first transmission path through the satellite to the central earth station only during a time slot assigned to the remote earth station. The central earth station will communicate its transmission on a different transmission path through the satellite to the remote earth station in response to the control information from the remote earth station.--

IN THE ABSTRACT OF DISCLOSURE:

The abstract is changed as follows:

A control communication system and method includes synchronizing a timing in a central earth station and a plurality of remote earth stations such that a predetermined control time period having a plurality of time slots is synchronized among the central earth station and the remote earth stations. The control time period is not longer than a substantially real-time response time period for the remote stations. [This method further includes: initiating from a respective remote earth stations, and completing, a transmission of control information through a satellite to the central earth station only during one or more of the time slots assigned to the respective remote earth station; receiving the transmission at the central earth station; and sending from the central earth station a separate transmission of data through the satellite to the remote earth station. A satellite communication system includes: an information resource providing a high bandwidth transmission; a satellite; a central earth station; and a] The remote earth station [to] will transmit control information on a first transmission path through the satellite to the central earth station only during a time slot assigned to the remote earth station. The central earth station [is connected to the information resource to receive the high bandwidth

transmission and to] will communicate [the] its transmission on a different transmission path through the satellite to the remote earth station in response to the control information from the remote earth station. [The return data path from the remote earth station to the central earth station is on a second transmission path as distinguished from the first transmission path on which the control information is sent.]